

**FRIEDMAN □ SIEGELBAUM**  
**DECLARATION AND POWER OF ATTORNEY**

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below my name,

I believe I am the original, first and sole inventor (if only one name is listed below), or an original, first and joint inventor (if more than one inventor's name is listed below), of the subject matter which is claimed and for which a patent is sought on the invention entitled CIRCUIT BOARD HAVING THEREON COUPLED CERAMIC CAPACITORS AND METHOD FOR

Title of Invention

**THE MANUFACTURE THEREOF**

the specification of which:  is attached hereto  was filed on \_\_\_\_\_ Application Serial No. \_\_\_\_\_  
 (for declaration not accompanying application)

with amendment(s) filed on \_\_\_\_\_  
 (date(s) of all amendments)

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56(a).

I hereby claim foreign priority benefits under Title 35, United States Code, §119/§172 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

EARLIEST FOREIGN APPLICATION(S), IF ANY, FILED PRIOR TO THE FILING DATE OF THE APPLICATION			
APPLICATION NUMBER	COUNTRY	DATE OF FILING (Day, Month, Year)	PRIORITY CLAIMED UNDER 35 U.S.C. 119/172
10-350382	Japan	09, 12, 1998	YES <input checked="" type="checkbox"/> NO _____
11-237334	Japan	24, 08, 1999	YES <input checked="" type="checkbox"/> NO _____
			YES _____ NO _____

I hereby claim the benefit under Title 35, United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

APPLICATION NUMBER	FILING DATE	STATUS		
		PATENTED	PENDING	ABANDONED

**POWER OF ATTORNEY:** As a named inventor, I hereby appoint Stanley I. Roson (Reg. No. 19,441), Richard I. Samuel (Reg. No. 24,435), Shahan Islam (Reg. No. 32,507), Benjamin Appelbaum (Reg. No. 38,068), Theresa A. O'Rourke (Reg. No. 40,747) and Nicholas J. DuBois (Reg. No. P-41,719) whose address is Friedman Siegelbaum, Seven Becker Farm Road, Roseland, New Jersey, 07068-1757 as my attorneys, to prosecute this application, and to transact all business in the U. S. Patent and Trademark Office connected therewith.

Send Correspondence To: SHAHAN ISLAM, ESQ.

Direct Telephone Number

FRIEDMAN SIEGELBAUM, Seven Becker Farm Road, Roseland, New Jersey 07068-1757 (201) 992-1990

Full Name of 1st Inventor	Last Name <b>Mamada</b>	First Name <b>Nobuo</b>	Middle Name	
Residence & Citizenship	City <b>Tokyo</b>	State of Foreign Country <b>Japan</b>	Country of Citizenship <b>Japan</b>	
Home Address	No. and Street Address <b>16-20, Ueno 6-chome, Taito-Ku</b>	City <b>Tokyo</b>	State or Country <b>Japan</b>	Zip Code <b>110-0005</b>
Full Name of 2nd Inventor	Last Name	First Name	Middle Name	
Residence & Citizenship	City	State of Foreign Country	Country of Citizenship	
Home Address	No. and Street Address	City	State or Country	Zip Code
Full Name of 3rd Inventor	Last Name	First Name	Middle Name	
Residence & Citizenship	City	State of Foreign Country	Country of Citizenship	
Home Address	No. and Street Address	City	State or Country	Zip Code
Full Name of 4th Inventor	Last Name	First Name	Middle Name	
Residence & Citizenship	City	State of Foreign Country	Country of Citizenship	
Home Address	No. and Street Address	City	State or Country	Zip Code

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Signature of 1st Inventor <i>Nobuo Mamada</i>	Signature of 2nd Inventor	Signature of 3rd Inventor	Signature of 4th Inventor
Date <i>5. 11. 1999</i>	Date	Date	Date

EXPRESS MAIL NO.: EL296213098US Deposited on: June 12, 2000  
I hereby certify that this paper or fee is being deposited with the United States Postal Service as "Express Mail Post Office to Addressee" service under 37 CFR §1.10 on the date indicated above and is addressed to: Commissioner of Patents and Trademarks, Washington, D.C. 20231.

Docket No. 2798/FLK

Agent's or Client's No PE91007/TYY/US-JG

IN THE UNITED STATES  
PATENT AND TRADEMARK OFFICE

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Applicant(s): Nobuo Mamada X  
X  
X  
X      Examiner: \_\_\_\_\_  
Serial No.: 09/441,960 X  
X  
X  
X  
X  
Filing Date: 11/17/1999 X      Group Art Unit: 2835  
Title: Circuit Board Having Thereon Coupled X  
Ceramic Capacitors and Method for the X  
Manufacture Thereof X  
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Honorable Commissioner of  
Patents and Trademarks  
Washington, D.C. 20231

**REVOCATION AND POWER OF ATTORNEY**

The undersigned (acting for assignee)\* hereby revokes all powers of attorney and authorizations of agents previously given in the above-identified application and further appoints Shahan Islam (Reg. No. 32,507) and the firm of Rosenman & Colin LLP, whose address is 575 Madison Avenue, New York, NY 10022-2585 and whose telephone number is (212) 940-8800, as its attorneys with full power of substitution and revocation, to prosecute this application and to transact all business in the U.S. Patent Office connected therewith and hereby specifies the following as correspondence address to which all communications about this application are to be directed:

Shahan Islam, Esq.  
Rosenman & Colin LLP  
575 Madison Avenue  
New York, NY 10022-2585  
Tel: (212) 940-8800  
Fax: (212) 940-8776  
email:[sislam@rosenman.com](mailto:sislam@rosenman.com)

SIGNATURE: Masashi Kozakai

PRINT NAME: Masashi Kozakai

TITLE AND  
CO. NAME: General Manager of Intellectual Property  
Department of TAIYO YUDEN CO., LTD.

DATE: May 19, 2000

\* Each assignee must sign and date the Revocation and Power of Attorney.

**CERTIFICATE UNDER 37 C.F.R. §3.73 (b)**

TAIYO YUDEN CO., LTD. , a Corporation  
Name of Assignee Assignee type, e.g., corporation, partnership, university, government agency

certifies that it is an assignee of the right, title and interest in the patent application identified above, by virtue of an assignment from the inventor(s) of said patent application. The assignment was recorded in the U.S. Patent and Trademark Office at Reel 010398, Frame 0339, or for which a copy thereof is attached.

The undersigned (whose title is supplied below) is empowered to sign this statement.

DATE: May 19, 2000

SIGNATURE: Masashi Kozakai

PRINT NAME: Masashi Kozakai

TITLE: General Manager of Intellectual Property Department

\* Each assignee must sign and date the Certificate Under 37 C.F.R. §3.73(b).

## ASSIGNMENT (SOLE)

WHEREAS, I, Nobuo Mamada, Inventor's Name  
 ASSIGNOR, a citizen of Japan, residing at 16-20 Ueno 6-chome, Taito-ku, Tokyo, 110-0005 Japan,  
 Country Home Address  
 am the inventor of the invention in CIRCUIT BOARD HAVING THEREON COUPLED CERAMIC CAPACITORS AND METHOD  
 Title of Application  
FOR THE MANUFACTURE THEREOF for which I have executed an application for a Patent of the United States; and

which is executed on  even date herewith or  \_\_\_\_\_  
 Date of Execution

which is identified by Friedman Siegelbaum Docket No. \_\_\_\_\_

which was filed on \_\_\_\_\_, Serial No. \_\_\_\_\_

WHEREAS, TAIYO YUDEN CO., LTD., 16-20 Ueno 6-chome, Taito-ku, Tokyo, 110-0005 Japan,  
 Name of Assignee  
 ASSIGNEE is desirous of obtaining the entire right, title and interest in, to and under the said invention and the said application:

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to me in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, I, the said ASSIGNOR, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, the entire right, title and interest in, to and under the said invention, and the said United States application and all divisions, renewals and continuations thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may hereafter be filed for said invention in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said United States application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof;

AND I HEREBY authorize and request the Commissioner of Patents and Trademarks of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND I HEREBY covenant and agree that I have full right to convey the entire interest herein assigned, and that we have not executed, or will not execute, any agreement in conflict herewith.

AND I HEREBY further covenant and agree that I will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to me respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue and foreign applications, make all rightful oaths, and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper protection for said invention in all countries.

IN TESTIMONY WHEREOF, I hereunto set my hand and seal the 5 day of 11,  
 1999. (Date) (Month)  
 (Year)

Nobuo Mamada  
 Signature